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IN THE CLAIMS:

Please amend the claims as follows:

1. (Previously Presented) A method of controlling registration of a mobile station used in a CDMA mobile communication system, said method comprising the steps of:

performing a pilot synchronization operation including an acquisition of a pilot signal; detecting the result of a registration of said mobile station with a wireless base station for a coverage area in which said mobile station is present;

retrying the registration when the result is unsuccessful after inhibiting switching to a good pilot signal that is being idly received;

pausing transmitting and receiving operation of said mobile station for a predetermined time when said retried registration is unsuccessful;

resuming registration processing when the predetermined time pause ends; and

acquiring a new pilot signal when the registration processing is resumed.

2. (Original) A method of controlling registrations as set forth in claim 1, further comprising the step of judging that registration has failed when an access sequence for registration is repeated a given number times in order to detect the unsuccessful registration at first attempt.

3. (Previously Presented) A method of controlling registration as set forth in claim 1, further comprising the steps of: determining whether a search for pilot synchronization has completed through a predetermined range of phases of PN codes when the resumed registration processing fails; and pausing transmitting and receiving operation for the predetermined time when the search has completed through the predetermined range.

4. (Original) A method of controlling registration as set forth in claim 3, further comprising the step of changing state value of a PN code generator in the mobile station to a state value assumed after a lapse of given time and the phase of the generated PN code is shifted when registration of a sector during a search through a given interval of the PN sequences fails.

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5. (Original) A method of controlling registration as set forth in claim 1, further comprising the step of resuming registration processing when the reception level is judged to be in excess of a given threshold value after a second registration operation fails.

6. (Original) A method of controlling registration as set forth in claim 5, wherein said given threshold is the sum of a reception level assumed when a last registration operation fails and a given offset value based on this reception level.

7. (Original) A method of controlling registration as set forth in claim 1, further comprising the step of turning on a light to indicate that the station is out of the coverage area when switching to a good pilot signal being idly received is inhibited and turning off said light when the switching to the good pilot signal being idly received is permitted.

8. (Previously Presented) A mobile station for use in a CDMA mobile communication system;

said mobile station including a control means for performing a pilot synchronization operation including an acquisition of a pilot signal and registering the mobile station with a wireless base station for a coverage area in which said mobile station is present,

said control means acting to inhibit switching to a good pilot signal being idly received when the registration is judged unsuccessful,

said control means acting to retry the registration while the switching to the good pilot signal is inhibited, and acting to pause transmitting and receiving operation of said mobile station for a predetermined time when the retried registration is unsuccessful,

said control means acting to resume registration when the predetermined time ends,

said control means acting to perform a control operation to acquire a new pilot signal when the registration is resumed.

9. (Original) The mobile station of claim 8, wherein said control means judges that failure of the registration when an access sequence for registration is repeated a given number of times in order to detect the unsuccessful registration at first attempt.

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10. (Original) The mobile station of claim 8, wherein said control means turns on a light to indicate that the mobile station is out of the coverage area when switching to the good pilot signal being idly received is inhibited and turns off said light when switching to the good pilot signal being idly received is permitted.

11. (Previously Presented) A method of controlling registration of a mobile station used in a CDMA mobile communication system, said method comprising the steps of:

performing a pilot synchronization operation including an acquisition of a pilot signal;

performing a registration operation for registering said mobile station with a wireless base station for a coverage area in which said mobile station is present;

detecting a result of the registration operation attempting to register said mobile station with said wireless base station;

retrying the registration operation when the result is unsuccessful after inhibiting switching to a good pilot signal that is being idly received;

pausing a transmitting operation and a receiving operation of said mobile station for a predetermined time when said retried registration is unsuccessful;

resuming the registration operation under predetermined conditions when the predetermined time ends; and

acquiring a new pilot signal when the registration operation is resumed.

12. (Previously Presented) A mobile station for use in a CDMA mobile communication system comprising:

a receiver which receives a wireless signal transmitted by a sector or a base station;

a CDMA modem connected to the receiver, which performs a despreading demodulation operation of the wireless signal received by the receiver; and

a controller which controls a pilot synchronization operation including an acquisition of a pilot signal and a registration operation that includes a plurality of access sequences to the sector or the base station when the acquisition of a pilot signal is successful, and turns off the receiver when the mobile station fails in registration to the sector or the base station after the registration operations are performed a predetermined number of times.

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13. (Previously Presented) The mobile station according to claim 12, wherein the controller turns on the receiver after a predetermined duration, and performs a registration operation when a level of a signal received by the receiver is higher or equal to a threshold value.

14. (Previously Presented) The mobile station according to claim 13, wherein the controller turns off the receiver again when the level of the signal is lower than the threshold value.

15. (Canceled)

16. (Previously Presented) A method of controlling registration of a mobile station used in a CDMA mobile communication system, said method comprising the steps of:

receiving at a receiver of the mobile station a wireless signal transmitted by a sector or a base station;

performing at a CDMA modem connected to the receiver a despreading demodulation operation of the wireless signal received by the receiver; and

controlling a pilot synchronization operation, said pilot synchronization operation including acquisition of a pilot signal and a registration operation that includes a plurality of access sequences to the sector or the base station when the acquisition of a pilot signal is successful; and

turning off the receiver when the mobile station fails in registration to the sector or the base station after the registration operations are performed a predetermined number of times.

17. (Previously Presented) A method of controlling registrations as set forth in claim 16, further comprising turning the receiver on after a predetermined duration, and performing a registration operation when a level of a signal received by this receiver is higher or equal to a threshold value.

18. (Previously Presented) A method of controlling registrations as set forth in claim 17, further comprising turning off the receiver again when the level of the signal is lower than the threshold value.

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19. (Previously presented) The mobile station according to claim 12, wherein the controller is configured to turn on an indicator to indicate that the mobile station is out of the coverage area when the mobile station fails in registration to the sector or the base station.

20. (Previously presented) A method of controlling registrations as set forth in claim 16, further comprising turning on a light to indicate that the mobile station is out of the coverage area when the mobile station fails in registration to the sector or the base station.

21. (Previously presented) A mobile station for use in a CDMA mobile communication system comprising:

- a receiver which receives a wireless signal transmitted by a sector or a base station;
- a CDMA modem connected to the receiver, which performs a despreading demodulation operation of the wireless signal received by the receiver;
- a transmitter which transmits a wireless signal to the sector or the base station; and
- a controller which controls the receiver so as to acquire a pilot signal and the transmitter so as to perform a registration operation that includes a plurality of access sequences to the sector or the base station when the acquisition of a pilot signal is successful, turns off the receiver and the transmitter when the mobile station fails in registration to the sector or the base station after the registration operations are performed a predetermined number of times, and shifts to a sleep mode after turning off the receiver and the transmitter.

22. (Previously presented) The mobile station according to claim 21, wherein the controller returns from the sleep mode and turns on the receiver and the transmitter after a predetermined duration, and controls the transmitter so as to perform a registration operation when a level of a signal received by the receiver is higher or equal to a threshold value.

23. (Previously presented) The mobile station according to claim 22, wherein the controller turns off the receiver and the transmitter again when the level of the signal is lower than the threshold value.

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24. (Previously presented) The mobile station according to claim 21, wherein the controller turns on a light to indicate that the mobile station is out of the coverage area when the mobile station fails in registration to the sector or the base station.